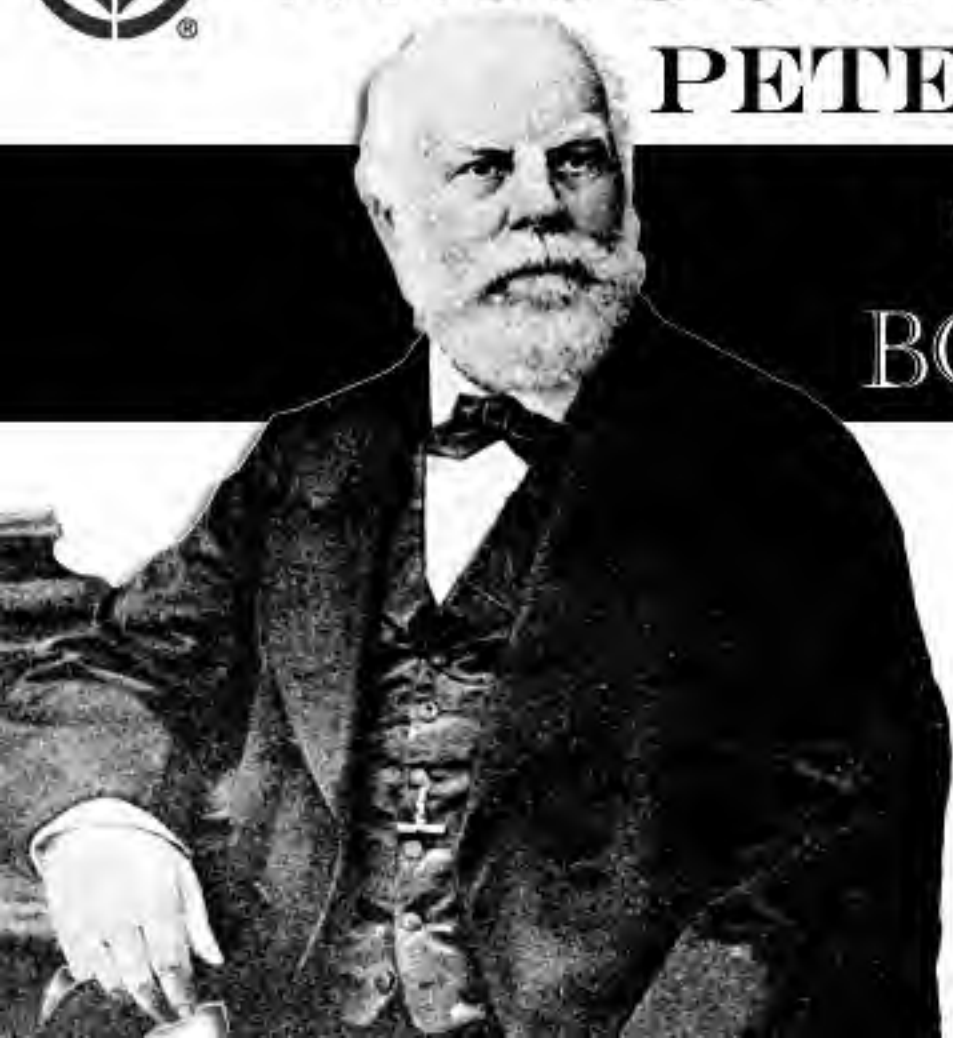




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BOTANICAL NOTEBOOKS

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21 *L. Vaseyi*

284-290

118

TRANS. OF THE ACAD. OF SCIENCE.

interrupted descent and ascent took place from January to December, we find in 1862 some interruptions in the steps of that ladder. The electricity in February, 1862, is about four degrees higher than that of January, April somewhat higher than March, and July is the lowest instead of September in 1861. These trifling irregularities may be accounted for by differences in temperature and relative humidity, and by a greater number of thunderstorms in 1862. January of 1862, for instance, was so unusually rainy, that its relative humidity too was unusually high, diminishing thus electricity. But the general features of distribution of electricity throughout the year are apparent in both years, and we may in that respect divide the twelve months of each year into two or three groups. Computing the months which give the highest electricity and those which give the lowest in each year, we find that in both years the months of January, February, March, April, November and December exhibit the highest, and the months of May, June, July, August, September and October the lowest electricity. The first group gives

The aggregate monthly mean of 71.5 degrees of electricity in 1861	
and 74.6	" " 1862
While the second group gives 29.0	" " 1861
and 25.7	" " 1862

The second group recorded the lowest electricity in 1861



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WISLIZENUS—ATMOSPHERIC ELECTRICITY. 117

VI. The appearance of negative electricity was connected in

1861. No. times.	1862. No. times.	
30	32	with thunderstorms.
23	28	with rains without thunder and lightning.
20	4	with dry storms (without rain and without thunder and lightning).
4	3	with snow.
1	0	with fog.
78	67	

VII. Relation of Rain and Snow to Electricity.

Rain without thunderstorm was accompanied

By Positive Electri-	By Negative Electri-	By no Electricity.
----------------------	----------------------	--------------------



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Junon Vaseyi

March 9 1865

Ringwood
Vasey

Seal of leaf X10

foli: pedalis

Sal. Ketchikan

Boerhaave



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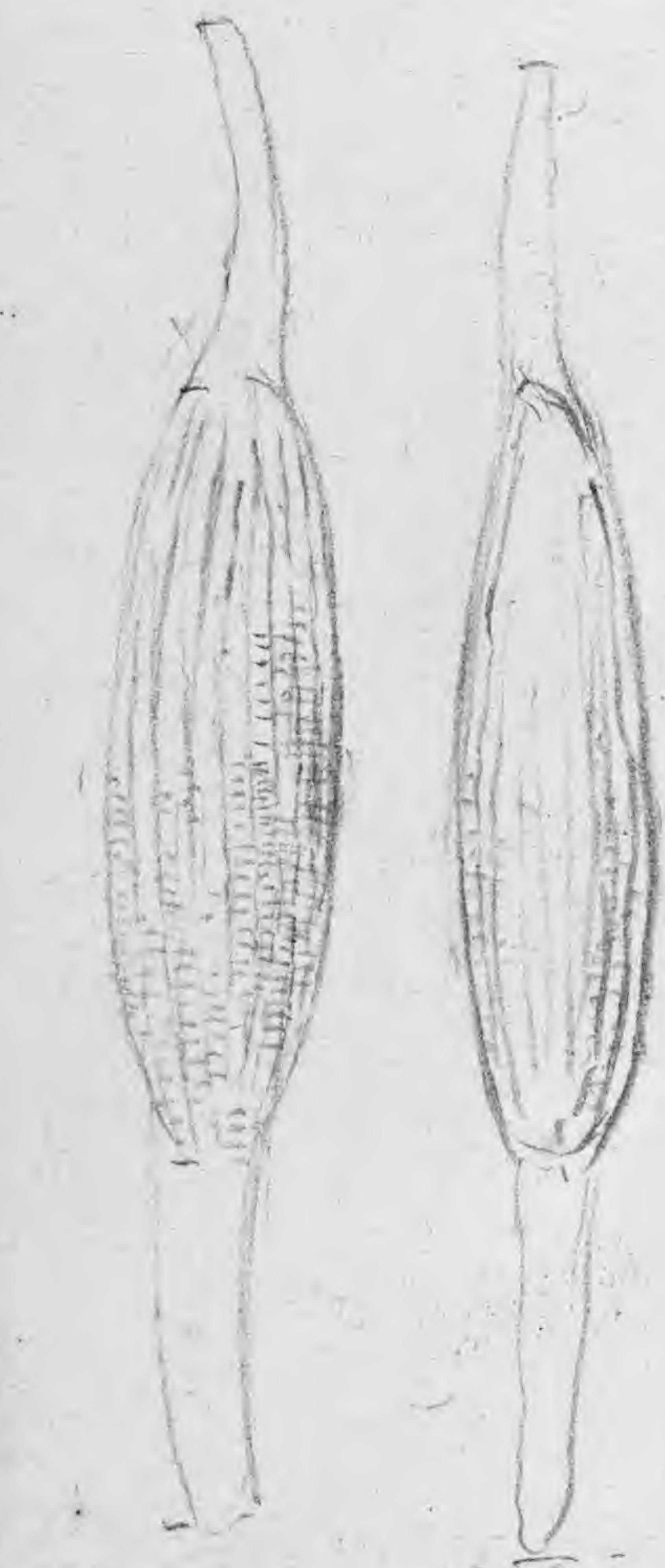
Juncus

Aug 13 1865

Peary wood Dr Vasey

open capsule, therefore widened

x10



capsule sometimes scarcely exsert

very near *J. gracilis*, but tails are linear;
capsules more green than brown
involucral leaves shorter or rarely a little
longer than contracted panicle

g nov



Juncus



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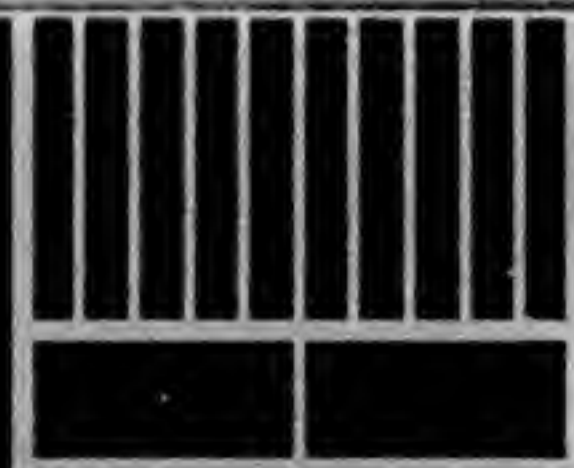
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Suaeda Torreyi

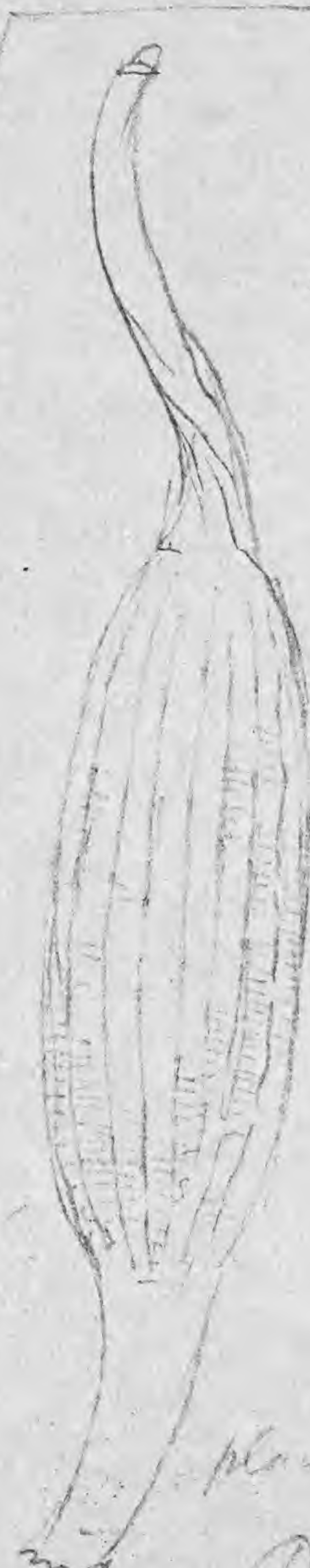
Nov 7 1868

Salkatchewan, E. Bourgeois 1858

Hb Gray



x10



"Rocky Mts"

Greenland

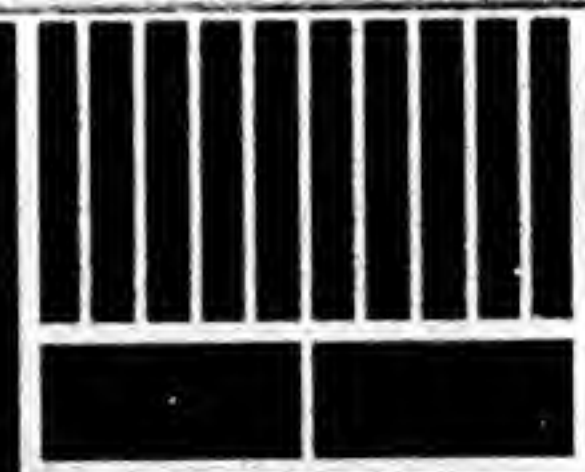
Hb Gray

Seed unripe



plant same as

Bourgeois



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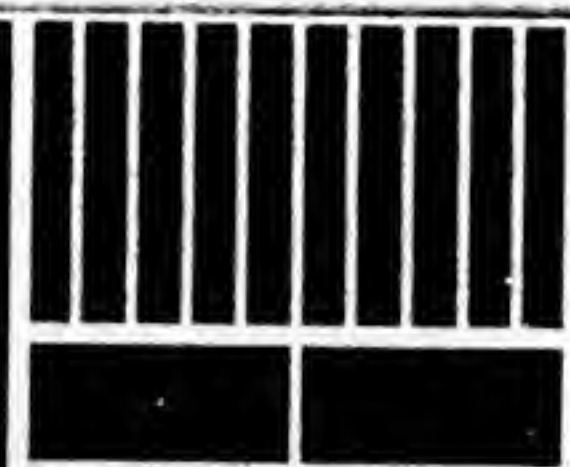
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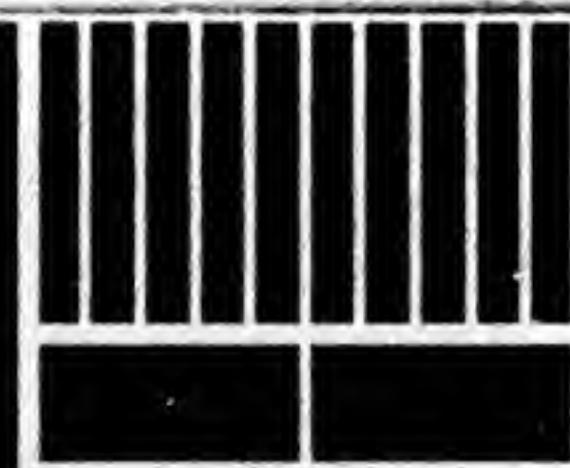
Juncus Vasegi

Colorado, Hall 1862

Nov 10 1865

mixed with
J. tenuis

x60



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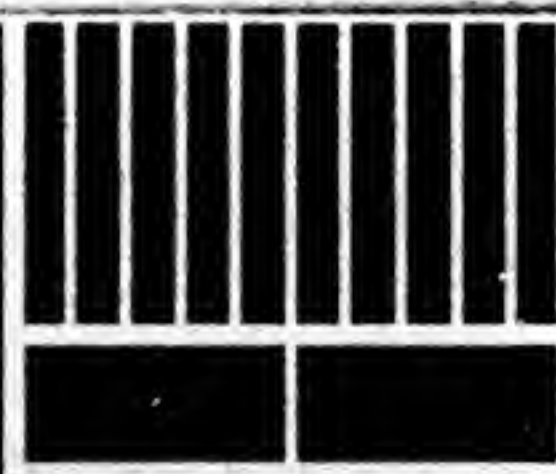


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J. Vaseyi

Aug 27 1866

Dr Bigelow, Detroit

x60

Leaf of leaf x10

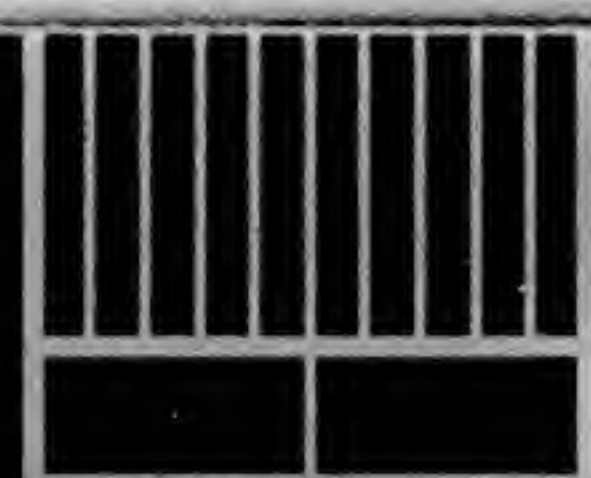


towards tip

near base



8 ribs



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Junonia Vaseyi

H. Philad

Gray

Engelma.

Ringwood M.

(Vasey)

Vasey

Rocky Mts

Drummond

(Dr)

Saskatchewan

Bourgeois

Bourgeois

Colorado

Hell

Detroit

Bigelow



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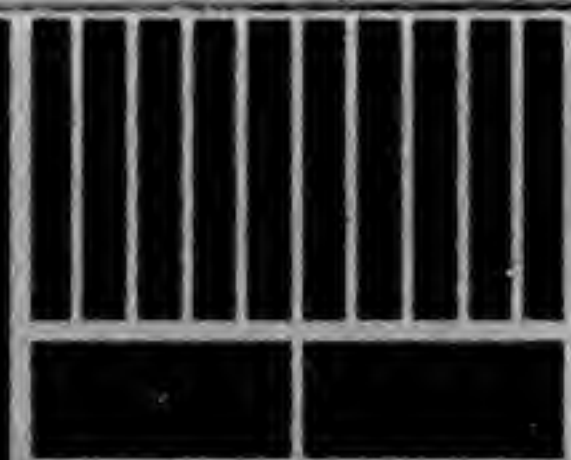
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E. Meyer has taken Hummwood
N^o 228 from the Rocky Mountains,
which I have named *J. Vaseyi*
for J. Chacab's son's Knuth III. 348
from Chile's Montevideo.
Seeds of the latter must be
compared. Ex F. Buchanan Jan 1867

Seeds ex Hb. Paris thick and very
short pointed!



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